植物研究 2015,35(6):801~802
*Bulletin of Botanical Research*

# 老河沟毛茛,四川毛茛科一新种

王文采 陈淑荣

(中国科学院植物研究所,系统与进化植物学国家重点实验室,北京 100093)

**摘 要** 描述了自四川发现的毛茛科毛茛属一新种,老河沟毛茛(Ranunculus laohegouensis),并给出其与近缘种的区别特征。

**关键词** 毛茛科;毛茛属;新种;四川

**中图分类号**:Q949 **文献标志码**:A **doi**:10.7525/j.issn.1673-5102.2015.06.001

# *Ranunculus laohegouensis*, a New Species of Ranunculaceae from Sichuan

WANG Wen-Tsai CHEN Shu-Rong

(State Key Laboratory of Systematic and Evolutionary Botany, Institute of Botany, Chinese Academy of Sciences, Beijing 100093)

**Abstract** A species of the genus *Ranunculus* (Ranunculaceae), *R. laohegouensis*, is described as new from Sichuan Provice and the diagnostic differences between it and its ally are given.

**Key words** Ranunculaceae; *Ranunculus*; new species; Sichuan

## 老河沟毛茛 图1

**Ranunculus laohegouensis** W. T. Wang & S. R. Chen, sp. nov. Fig. 1.

[Sect. *Auricomus* (Spach) Schur ser. *Gelidi* W. T. Wang]

Ob folia basalia ternata et flores singulariter terminales species nova haec est affinis *R. mainlingensi* W. T. Wang, qui caulibus longioribus 6.5-18 cm altis saepe ramosis 2-foliatis, petalis elliptico-obovatis, gynoecio e carpellis ca. 50 constante, stylo breviore ca. 0.6 mm longo ovario subaequilongo differt.

Small perennial herbs. Fibrous roots 2.5-4.5 cm long, nerar base 0.2-1 mm across, downwards gradually thinning. Stems solitary, slender, 2.5-4 cm tall, above base 0.3-0.5 mm across, sparsely appressed-puberulous, simple, 1-foliate. Basal leaves ca. 5, ternate, slenderly petiolate; blades broadly cordate-ovate in outline, 3.2-7×5-11 mm; terminal leaflet shortly or long petiolulate (petiolule 1-3 mm long, glabrous), broadly rhombic or semi-orbicular, 2-6×2-6 mm, at base broadly cuneate or truncate, 3-fid, central lobe ovate, entire, lateral lobes obliquely ovate, 1-denticulate; lateral leaflets shortly petiolulate (petiolules 0.2-1 mm long), obliquely subflabellate, 2-7×2.5-6 mm, uneqully 2-parted, upper lobes larger, often unequally 3-lobulate, sometimes 2-3-denticulate, lower lobes smaller, unequally 2-lobed; surfaces adaxially sparsely appressed-puberulous or subglabrous, abaxially glabrous; petioles 6-16 mm long, glabrous, at base vaginate (sheaths membranous, triangular, 3-5×2.4-4 mm, glabrous). Cauline leaf either similar to basal leaves, or simple, smaller, shortly petiolate, and with 3-sect blade. Flower solitary, terminal. Receptacle glabrous. Sepals 5, long navicular-elliptic, 4×1.5 mm, adaxially glabrous, abaxially sparsely pubescent. Petals 5, yellow, broadly oblong, 4.8-5.2×2.6-3 mm, at apex rounded, at base broadly cuneate, longitudinally 5-nerved, glabrous, pits minute, claws inconspicuous. Stamens 12-13, glabrous; filaments narrowly linear, 1-1.2 mm long;

第一作者简介:王文采(1926—),男,研究员,中国科学院院士,从事有花植物分类学研究。
收稿日期:2014-07-28

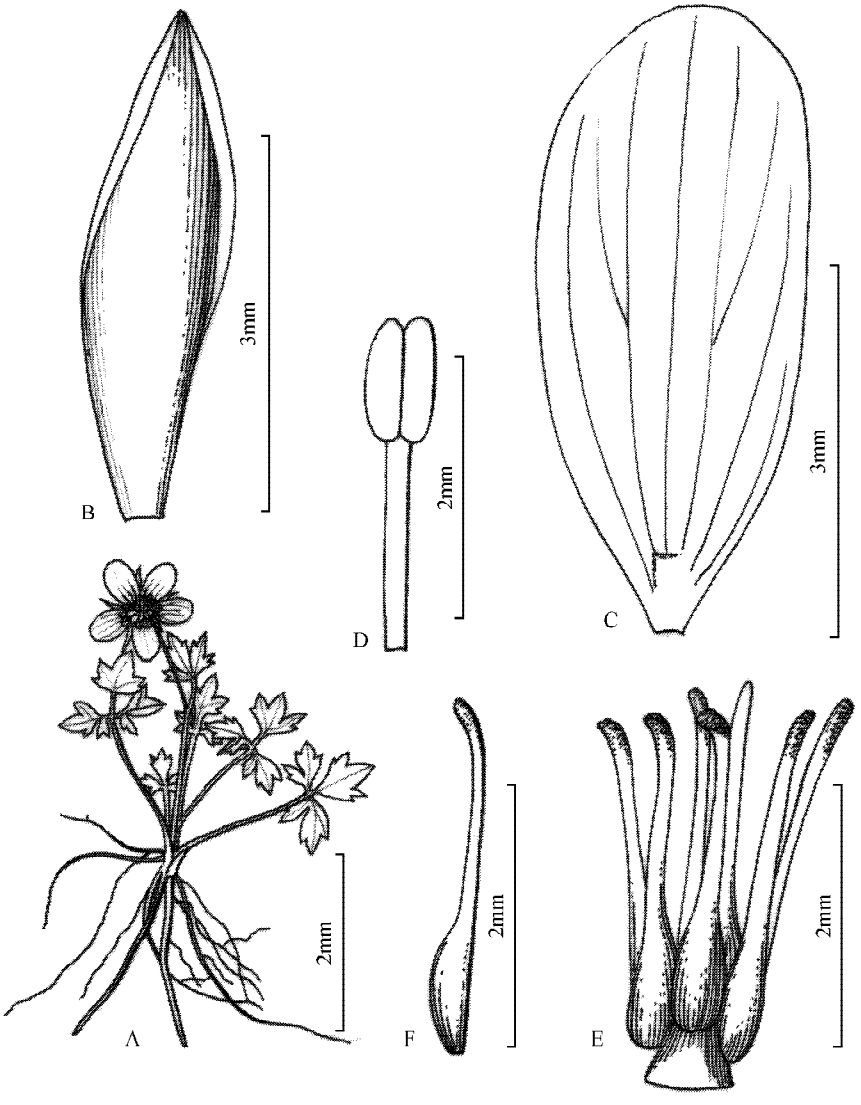


**图 1 老河沟毛茛** A. 植株全形；B. 萼片(腹面观)；C. 花瓣；D. 雄蕊；E. 雌蕊群；F. 心皮

**Fig. 1** ***Ranunculus laohegouensis*** A. Habit；B. Sepal(adaxial view)；C. Petal；D. Stamen；E. Gynoecium；F. Carpel(from holotype)

anthers broadly oblong, 0.8 – 1 mm long. Carpels 6 – 7, glabrous；ovaries narrowly ovoid, 0.7 – 0.8 mm long；styles 1.6 – 1.7 mm long, at apex slightly dilated.

四川(Sichuan)：平武县，老河沟自然保护区，小沟(Pingwu Xian, Laohegou Nature Reserve, Xiaogou)，alt. 1 300 ~ 1 600 m，路边，花黄色(by road side, fls. yellow)，2014 – 04 – 21，傅德志，陈淑荣，邵毅贞(Fu Dezhi, Chen Shurong, Shao Yizhen) 1531 (holotype, PE).

本种的基生叶为三出复叶，花单朵顶生，因而与也具这二特征的米林毛茛(*Ranunculus mainlingensis* W. T. Wang)在亲缘关系上相近，本种与后者的区别在于本种的茎低矮，高 2.5 ~ 4 cm，不分枝，具 1 叶，花瓣宽长圆形，雌蕊群包含 6 ~ 7 枚心皮，花柱较长，长 1.6 ~ 1.7 mm，比子房长 2 倍多(子房长 0.7 ~ 0.8 mm)。在米林毛茛，茎较高，高 6.5 ~ 18 cm，常分枝，具 2 叶，花瓣椭圆状倒卵形，雌蕊群包含 50 枚心皮，花柱较短，长约 0.6 mm，与子房近等长[1 ~ 2]。

**致谢** 深切感谢孙英宝先生为本文绘图。

## 参 考 文 献

1. 王文采. 中国毛茛属修订[J]. 植物研究，1995，15(2)：138 – 180.
2. 王文采，李良千. 中国毛茛科植物小志(十七)[J]. 植物分类学报，1994，32(5)：467 – 479.